

ABSTRACT

An object is to display both still images and moving images in good condition. A preamplifier circuit (311) for 5 amplifying a supplied video signal  $S_1$  and adding a bias voltage  $V_{ba}$  to the same, an output circuit (312) for amplifying power of the signal supplied from the preamplifier circuit (311) and inverting the same, and a variable bias circuit (314) for changing a level of the bias voltage  $V_{ba}$  added in the 10 preamplifier circuit (311) are provided. The preamplifier circuit (311) changes its gain  $G_a$  in accordance with the change of the bias voltage  $V_{ba}$  by the variable bias circuit (314).